

#7 IDS  
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C. Hsu  
P/3658-10

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of  
Hans Goran Evald MARTIN, et al.  
Serial No.: 09/622,401  
Filed: August 16, 2000

New York, New York  
Date: June 11, 2002  
Group Art Unit: 2878  
Examiner: Shun K. Lee

RECEIVED  
JUN 24 2002  
TECHNOLOGY CENTER 2800

For: METHOD OF PRODUCING A DETECTOR BELONGING TO A GAS SENSOR, AND A  
DETECTOR PRODUCED IN ACCORDANCE WITH THE METHOD

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

SUBMISSION

Sir:

Submitted herewith is a copy of art together with a form listing the same  
for the convenience of the Examiner.

The publication DE-A1-41 10 653 (Tsing) is a thermo electrical  
transformer, using a plurality in a row connected thermo element related pairs, by using a first (1)  
and a second (2), as films applied, conductive materials, applied onto a substrate (7). Said first  
(1) and said second (2) films are arranged to overlap each other (first and second material) as a  
connecting point (3) in a first plane (5) and (second and first material) as a connecting point (4)  
in a second plane (6). By this arrangement it is possible to measure the heat transfer, while the  
temperature gradient, in a direction perpendicular to the surface of the substrate (7) will generate  
a thermo-related voltage. This arrangement is adapted to measure flows, chemical substances or  
IR-radiation. The publication also discloses a method for producing such a thermo electric  
transformer.

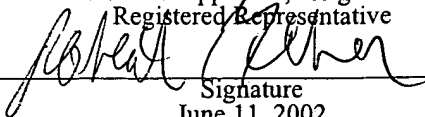
I respectfully request that the information submitted be considered and  
enclose our check number 09648 in payment of the required \$180.00 fee.

In the event the actual fee is greater than the payment submitted or is  
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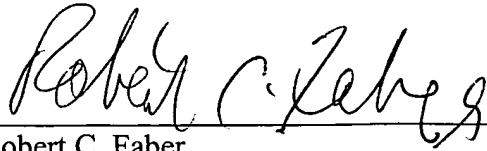
Robert C. Faber

\_\_\_\_\_  
Name of applicant, assignee or  
Registered Representative  
  
\_\_\_\_\_  
Signature  
June 11, 2002  
\_\_\_\_\_  
Date of Signature

RCF:dmk:ahc:mcm

Enclosures

Respectfully submitted,



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